

MATERIAL DATA SAFETY SHEET

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS & 2001/58 EC Standards

SECTION I - PRODUCT IDENTIFICATION	REVISION DATE: 12/1/2013
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Product Name: ACETONE
 Chemical Name: N/A
 Synonyms: ACETONE
 Trade Name: **ACETONE**
 Product use: Fingernails coating only
 Distributor's Name: CHRISTRIO
 Distributor's Address: 2420 Railroad; Corona, CA. 92880
 Information Contact: 1 951 808 4730
 Emergency Phone: Canada & US (800) 535-5053 International: 1 -352-323-3500
 EU Address: 167-171 Willoughby Lane; Tottenham, London N17 OSB; UK

SECTION II - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

This information may be based on finding related or similar materials

- May cause skin irritation
- Flammable liquid and vapor
- May cause eye irritation
- Avoid prolonged or repeated breathing of gases, vapors, or mists

Potential Health Effects, Signs, and Symptoms of Exposure:

Primary Route of Entry	Inhalation, skin, or eyes.
Eye	No specific information available. Liquid contact with eyes can cause irritation and possible corneal damage.
Skin	No specific information available. Contains materials that may cause moderate skin injury (reddening and swelling) and/or sensitization. Since irritation may not occur immediately, contact can go unnoticed.
Ingestion	No specific information available. Contains materials that may cause gastrointestinal irritation with nausea, vomiting and diarrhea. If appreciable quantities are swallowed seek medical attention immediately.
Inhalation	No specific information available. Aerosol can be irritating.
Sub-Chronic Effects	No specific information available.

NOTE: Refer to Section VI, Toxicological Information for Details

SECTION III - COMPOSITION/INFORMSTION ON INGREDIENTS

Chemical Identity	CAS#	EINEC#	INCI Name	Exposure OSHA TWA/STEL	LIMITS ACGIH TWA/STEL	Carcinogen	%
2-Propane	67-64-1	200-662-2	Acetone	1000rrp	750rrp	Not Listed	100

See Section XVI for Risk and Safety Phrase

N/E - None Established N/DA - No Data Available N/R - Not Review N/A - Not Applicable

SECTION IV - FIRST AID MEASURES

First Aid for Eye	Causes irritation experienced as stinging and discomfort or pain. Corneal injury may occur.
First Aid for Skin	Remove contaminated clothing. Wash skin w/ soap and water.
First Aid for Inhalation	Move to fresh air. Get medical attention if discomfort or pain. Corneal injury may occur.
First Aid for Ingestion	Do not give liquids if victim is unconscious. Otherwise give no more than two glasses of water. Seek medical attention.

Flash Point (°F/°C)	Flammable Limit (vol %)	Auto-Ignition Temperature (vol %)
(method used) TAG Closed 0°F	Air Vol% LEL -2.6	N/DA

Method:

Extinguishing Media:	Chemical foam, Carbon Dioxide, Dry Chemical
Fire Fighting Instructions:	Extremely flammable. Clear fire area of unprotected personnel and isolate. Do not entering confined fire space without full bunker gear (helmet and face shield). Also use self-containing breathing apparatus.
Unusual Hazards:	Container rupture may occur if exposed to intense heat. Any area's exposed to direct flame contact should be cooled with large quantities of water as needed to prevent weakening of container structure.

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Spill or Release Procedures Evacuate area. Eliminate sources of ignition. Dike and absorb with inert material.
Transfer to proper containers for disposal. Use non-sparking tools. Keep spill out of

SECTION VII – HANDLING AND STORAGE

Handling Avoid contact with skin and eyes. Avoid breathing vapor. Keep container closed when not in use. Wash contaminated clothing thoroughly before reuse. Wash skin thoroughly with soap and water after handling. Solvents should not be used to clean skin because of increased penetration potential. Store in cool, dry place in tightly closed receptacles. Ensure good ventilation/ exhaustion at the workplace. Information about protection against explosions and fires. Keep ignition sources away – do not smoke near containers.

Storage Store in a cool dry place. Keep away from heat and light. Store in a ventilated area.

Explosion Hazard Vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking or other ignition sources at locations distant from material handling point. Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls Local exhaust recommended control exposure, which may result from operations generating aerosols and hot operations generating vapors.

Personal Protective Equipment

General Use organic vapor mask and local exhaust.

Eye/Face Protection Tightly sealed goggles are suggested.

Skin Protection Protective gloves are suggested.

Respiratory Protection In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Odor & Odor Threshold	pH	Specific Gravity	Viscosity	% Volatile
Transperant	Alcohol-like	N/A	(H2O=1) : 0.79	N/DA	N/DA

Boiling Point/ Feezing Point	Decomposition Temperature	Octanol/Water Partitioning Coefficient	Vapor Pressure	Vapor Density	Evaporation Rate	Ignition	Solution In Water
133°F/ 56°C N/DA	N/A	N/A	185.5	(AIR-1) 2.0	(Butyl Acetate = 1) 5.6	N/D	Soluble

Flash point (°F/°C)	Flammable Limit (Vol %)	Auto-ignition Temperature (Vol %)
(method used) TAG Closed 0°F	Air Vol% LEL -2.6	N/DA

SECTION X – STABILITY AND REACTIVITY

Stability: Stable	Incompatibility (Materials to Avoid): Reducing and oxidizing agents. Strong inorganic acids. Prevent vapor accumulation.
Hazardous Decomposition Products: Oxides of carbon when burned.	Hazardous Polymerization: Will not occur

Conditions to Avoid:
Heat and source of ignition.

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SECTION XI - TOXICOLOGICAL INFORMATION

Acute Oral Toxicity	Acute Dermal Toxicity	Acute Inhalation Toxicity	Irritation - Skin	Irritation -Eye
N/DA	N/DA	N/DA	N/DA	N/DA

Since this product contains a very low concentration of active components, the primary toxicological information is derived from the oligomers. Further hazardous properties cannot be excluded. The product should be handled with care when dealing with chemicals.

Sensitization	Mutagenicity	Sub-chronic Toxicity
N/DA	N/DA	N/DA

SECTION XII - Ecological Information

Ecotoxicological Information

Acute Toxicity To Fish	Acute Toxicity To Ivertebrates	Acute Toxicity To Algea	Bioconcentration	Toxicity to Sewage Bacterials
N/DA	N/DA	N/DA	N/DA	N/DA

Chemical Fate Information

Biodegradability	N/DA
Chemical Oxygen Demand	N/DA

To the best of our knowledge, the ecotoxicological and chemical fate properties have not been investigated. DO NOT allow to entering drinking water supplies, wastewater, or soil.

Incinerate liquid and diking material after addition of excess inhibitor, in accordance with Federal, State, and Local regulations.

SECTION XIV - TRANSPORT INFORMATION

DOT (49 CFR 172) (GND)	
Proper Shipping Name	Flammable, UN1090, Acetone 3, PGII
Identification	UN1090
Marine Pollutant	No
Special Provisions	None
Emergency Response Guidebook (ERG) #	N/A
IATA (DGR) (AIR)	
Proper Shipping Name	Flammable, UN1090, Acetone 3, PGII
Class or Division	3
UN or ID Number	UN1090
Packing Instructions	None
Emergency Response Guidance(ICA0)#	N/A
IMO (IMDG)	
Proper Shipping Name	Flammable, UN1090, Acetone 3, PGII
Class or Division	3
UN or ID Number	UN1090
Special Provision & Stowage/Segregation	None
Emergency Schedule (EmS)#	N/A
Other Information	Flashpoint: (method used) TAG Closed 0°F

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SECTION XV - REGULATORY INFORMATION

US Federal Regulations

Clean Air Act: HAP/ODS	This product contains the following hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act: <ul style="list-style-type: none"> • N/DA This product contains no ODS's
Clean Water Act: Priority Pollutant	This product no chemical listed under the U.S. Clean Water Act Priority Pollutant List.
FDA: Food Packing Status	This product has not been cleared by the FDA for use in food packaging and/or other application as an indirect food additive.
Occupational Safety and Health Act	This product is considered to be a hazardous chemical under the OSHA Hazard Communication Standard. Its hazards are: <ul style="list-style-type: none"> • N/DA
RCRA	This product is not considered to be a hazardous waste under RCRA (40 CFR 261).
SARA Title III: Section 302 (TPQ)	This product contains no chemicals regulated under Sec. 302 as extremely hazardous substances that carry a TPQ.
SARA Title III: Section 302 (RQ)	This product contains no chemicals regulated under Section 304 as extremely dangerous chemical for emergency release notification ("CERCLA" List).
SARA Title III: Section 311-312	This product is considered hazardous under OSHA Hazard Communication Standard and is regulated under Section 311-312 (40 CFR 370). Its hazard are: <ul style="list-style-type: none"> • N/DA
SARA Title III: Section 313	This product contains no chemicals which are subject to the reporting requirements of Section 313 of Title III of the superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.
TSCA Section 8(b): Inventory:	This product contains chemicals listed on the TSCA inventory or otherwise complies with TSCA premanufacture notification requirements.
TSCA Significant New Use Rule	Substance is listed

State Regulation

CA Right-to-Know Law	None
California No Significant risk Rule	None
MA Right-to-Know Law	This product contains no chemicals on the MA Substance List.
NJ Right-to-Know	This product contains the following hazardous component subject to disclosure under NJ Right-to-Know legislation: NONE
PA Right-to-Know Law	This product contains the following hazardous component subject to disclosure under PA Right-to-Know legislation: NONE
FL Right-to-Know Law	This product contains the following hazardous component subject to disclosure under FL Right-to-Know legislation: NONE
MN Right-to-Know Law	This product contains the following hazardous component subject to disclosure under MN Right-to-Know legislation: NONE

International Regulations

CDSL: Canadian Inventory (on Canadian Transitional List)	N/DA
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Labeling according to directive - 1999/4/EC

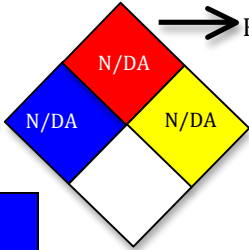
European Community:	Acetone <ul style="list-style-type: none"> • N/DA
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SECTION XVI - OTHER INFORMATION

Hazard Rating system (Pictograms)

<p>NFPA:</p> <div style="display: flex; align-items: center; justify-content: center;"> <div style="margin-right: 10px;">Health ←</div>  <div style="margin-left: 10px;">→ Flammability</div> </div> <div style="display: flex; align-items: center; justify-content: center; margin-top: 10px;"> <div style="margin-right: 10px;">←</div> <div style="margin-left: 10px;">→ Reactivity</div> </div>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center; padding: 2px;">N/DA</td> <td style="background-color: #0000FF; color: white; padding: 2px;">HEALTH</td> <td style="text-align: center; padding: 2px;">HMIS:</td> </tr> <tr> <td style="text-align: center; padding: 2px;">N/DA</td> <td style="background-color: #FF0000; color: white; padding: 2px;">FLAMMABILITY</td> <td></td> </tr> <tr> <td style="text-align: center; padding: 2px;">N/DA</td> <td style="background-color: #FFFF00; padding: 2px;">REACTIVITY</td> <td></td> </tr> <tr> <td style="height: 20px;"></td> <td></td> <td></td> </tr> </table>	N/DA	HEALTH	HMIS:	N/DA	FLAMMABILITY		N/DA	REACTIVITY				
N/DA	HEALTH	HMIS:											
N/DA	FLAMMABILITY												
N/DA	REACTIVITY												

N/E - Not Establish N/R - No Review N/DA - No Data Available N/A - Not Applicable
 OSHA PEL for nuisance dust 15mg/m³ (total dust) 5mg/m³ (Respirable dust)
 ACGIH PEL for nuisance dust 10mg/m³

Prepared By:	CHRISTRIO
Update Composition	Dec. 1 st ,2013

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